

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Application of EL-SHALL

Serial No.:

Examiner:

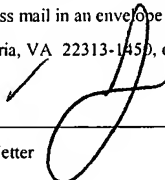
Date Filed:

Group:

For: TREATMENT OF SPENT PULPING LIQUOR WITH LIGNIN SEPARATION TO RECOVER  
ALKALI PULPING CHEMICALS IN MANUFACTURE OF PAPER PULP

CERTIFICATE UNDER 37 CFR 1.8(a)

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as  
First Class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450,  
Alexandria, VA 22313-1450, on 12/01/03

  
\_\_\_\_\_  
Neil R. Jetter Reg. No. 46,803

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

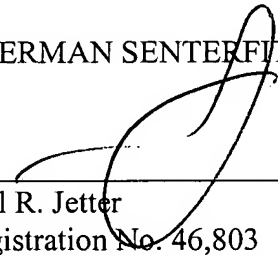
Pursuant to the Duty to Disclose under 37 CFR 1.56, the references cited on the  
accompanying form PTO-1449 are hereby brought to the attention of the Examiner for  
independent evaluation. A copy of each reference is enclosed.

The claimed invention is believed patentable over the disclosures enclosed. This citation  
is intended to give the Examiner an opportunity to make an independent evaluation. No  
representations are made regarding these materials.

Respectfully submitted,

AKERMAN SENTERFITT

Dated: 12/01/03

  
\_\_\_\_\_  
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West Palm Beach, FL 33402-3188  
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<b>Form PTO-1449</b> <b>(Rev. 2-88)</b>  <b>U.S. DEPARTMENT OF COMMERCE</b> <small>PATENT AND TRADEMARK OFFICE</small>  <b>INFORMATION DISCLOSURE STATEMENT</b> <b>BY APPLICANT</b>  <i>(Use several sheets if necessary)</i>	<b>ATTY. DOCKET NO.</b> <b>5853-479</b>	<b>APPLICATION NO.</b>
	<b>APPLICANT</b> <b>EL-SHALL</b>	
	<b>FILING DATE</b>	<b>GROUP</b>

## U.S. PATENT DOCUMENTS

EXAMINER'S INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,632,327	10/14/03	Shall	162	29	11/29/99
	4,724,045	2/9/88	Ackel	162	29	9/3/86
	4,921,613	5/1/90	Nordberg et al.	210/651		12/23/88
	5,632,857	5/27/97	Larson	162	5	4/4/95
	5,635,024	6/3/97	Shall	162	16	8/20/93

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER	DATE CONSIDERED
* EXAMINER: Initial if a citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

<b>Form PTO-1449</b> <b>(Rev. 2-88)</b>	<b>U.S. DEPARTMENT OF COMMERCE</b> <small>PATENT AND TRADEMARK OFFICE</small>	<small>ATTY. DOCKET NO.</small> <b>5853-479</b>	<small>APPLICATION NO.</small>
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		<small>FILING DATE</small>	<small>GROUP</small>

U.S. PATENT DOCUMENTS							
EXAMINER'S INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,039,189	3/21/00	Luke	209	5	1/28/98

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			

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